



Third IEEE International Workshop on Network Science For Communication Networks

<http://netscicom2011.asu.edu>

In conjunction with IEEE Infocom 2011

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Scope: Network Science is a newly emerging discipline with applications in a variety of domains, such as, Communication Networks, Power Grid Networks, Transportation Networks, Social Networks, Biological Networks and Economics. Designing complex communication networks of the future needs a deep understanding of the interplay between the physical-, the communication- and the social networks involved. An understanding of such interdependency can only be achieved by closer interaction between Network Scientists, Communication Network Designers, and Social and Behavioral Scientists. The goal of this workshop is to provide a forum where this diverse group of researchers can meet and exchange ideas that will lead to deeper insights into the design of robust, efficient and complex communication networks of the future.

Topics of Interest: The topics of this workshop lie at the intersection of Network Science and Communication Network Design – including Topology Design and Analysis, Traffic Modeling, Traffic Routing, Social Media Analysis: blogs and friendship networks, Bio-inspired networks, Internet scale measurement and analysis of online communities, Social network analysis with mobile phone data, Interdependency between power grid, communication and transportation networks,

Important Dates:

Paper submission deadline: January 15, 2011

Notification of acceptance: March 1, 2011

Camera-ready version submission deadline: March 15, 2011